



REPLACEMENT SHEET

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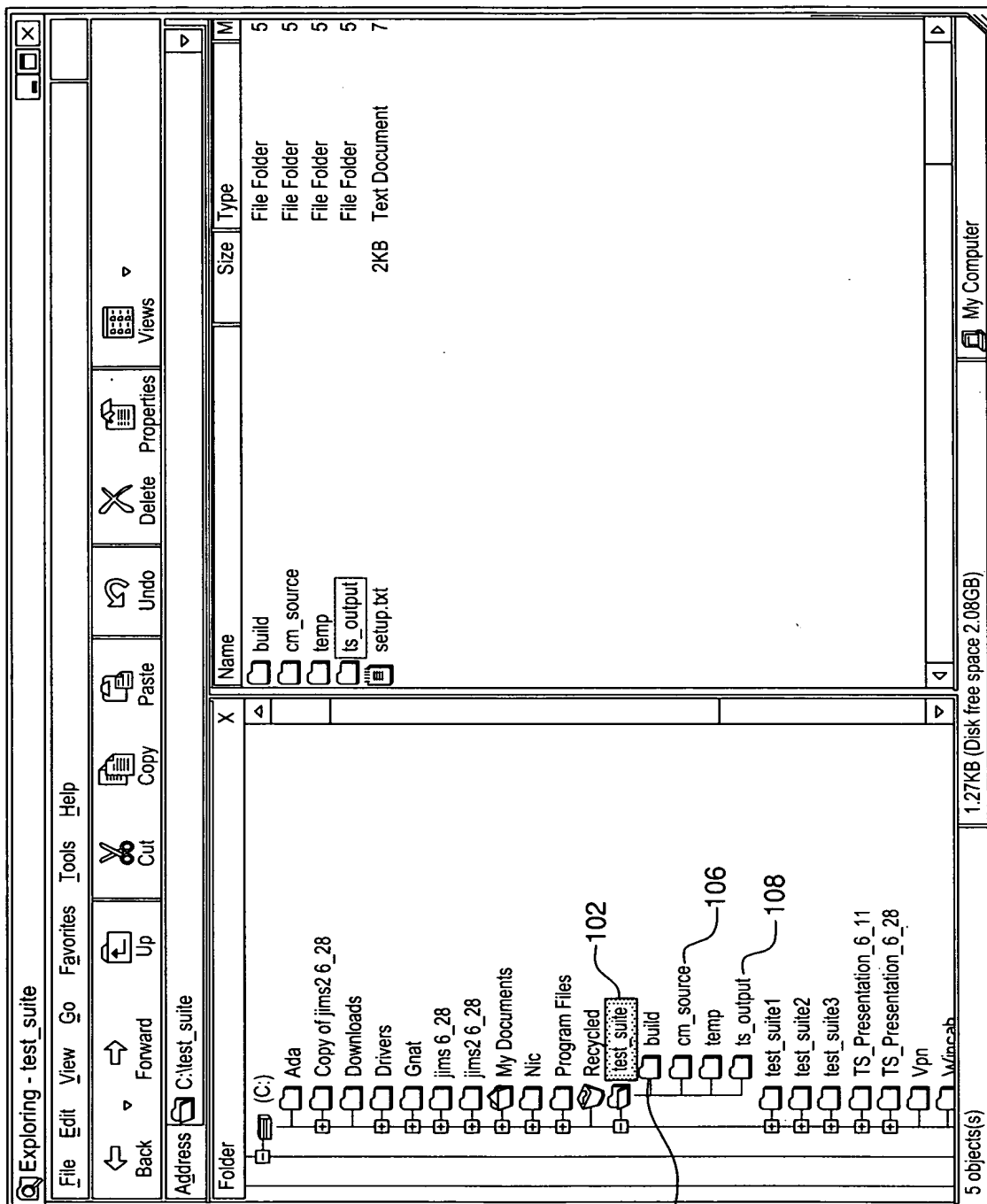


FIG. 1

REPLACEMENT SHEET

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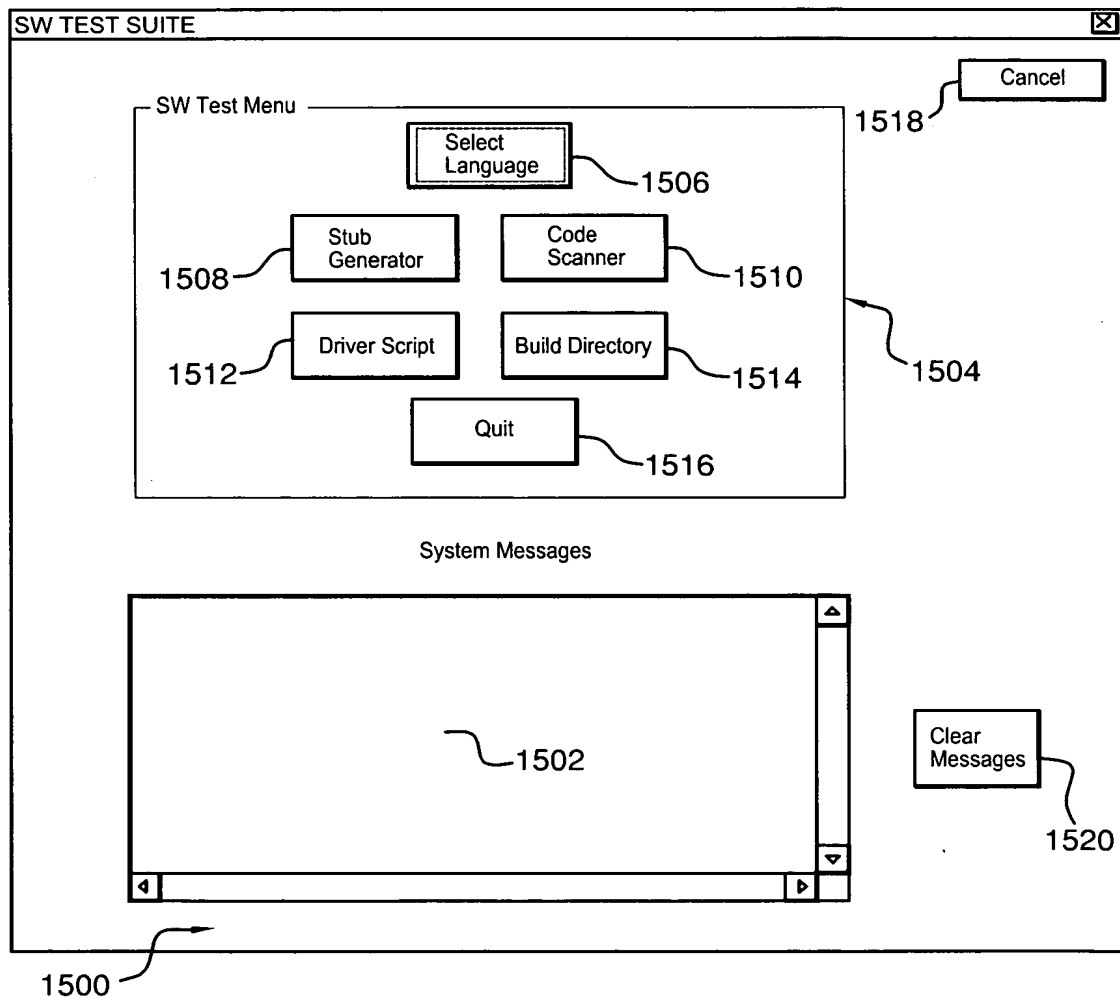


FIG. 15

REPLACEMENT SHEET

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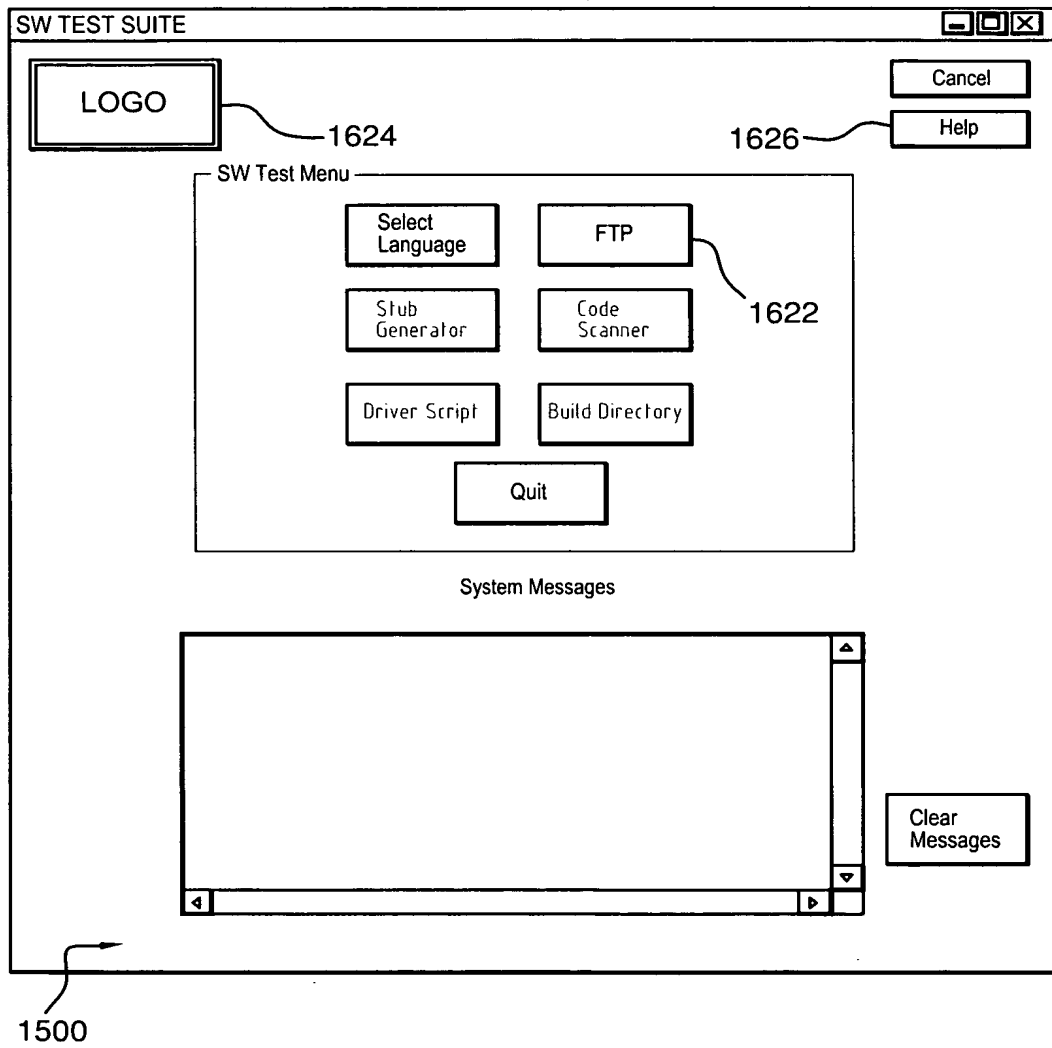


FIG. 16

REPLACEMENT SHEET

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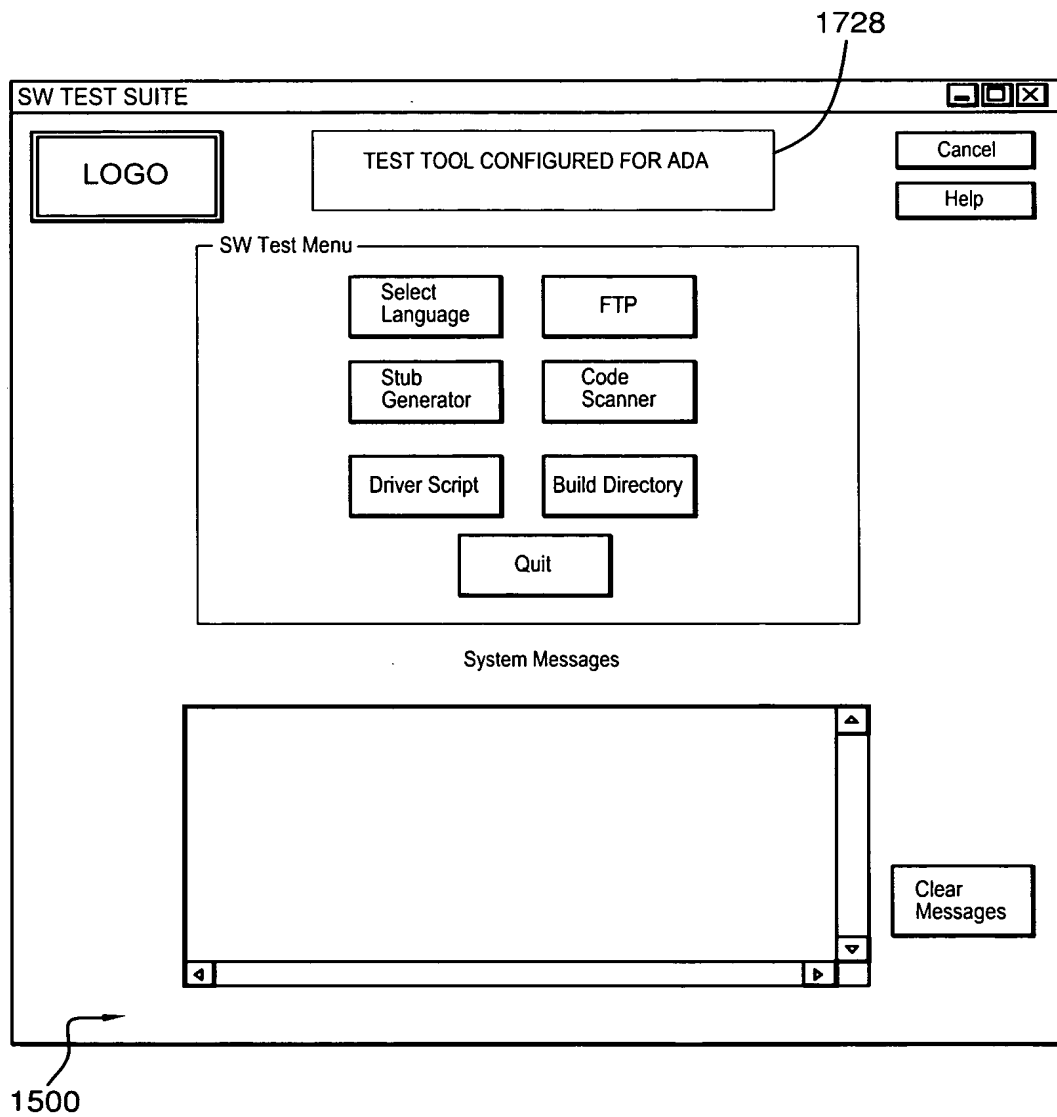


FIG. 17

REPLACEMENT SHEET

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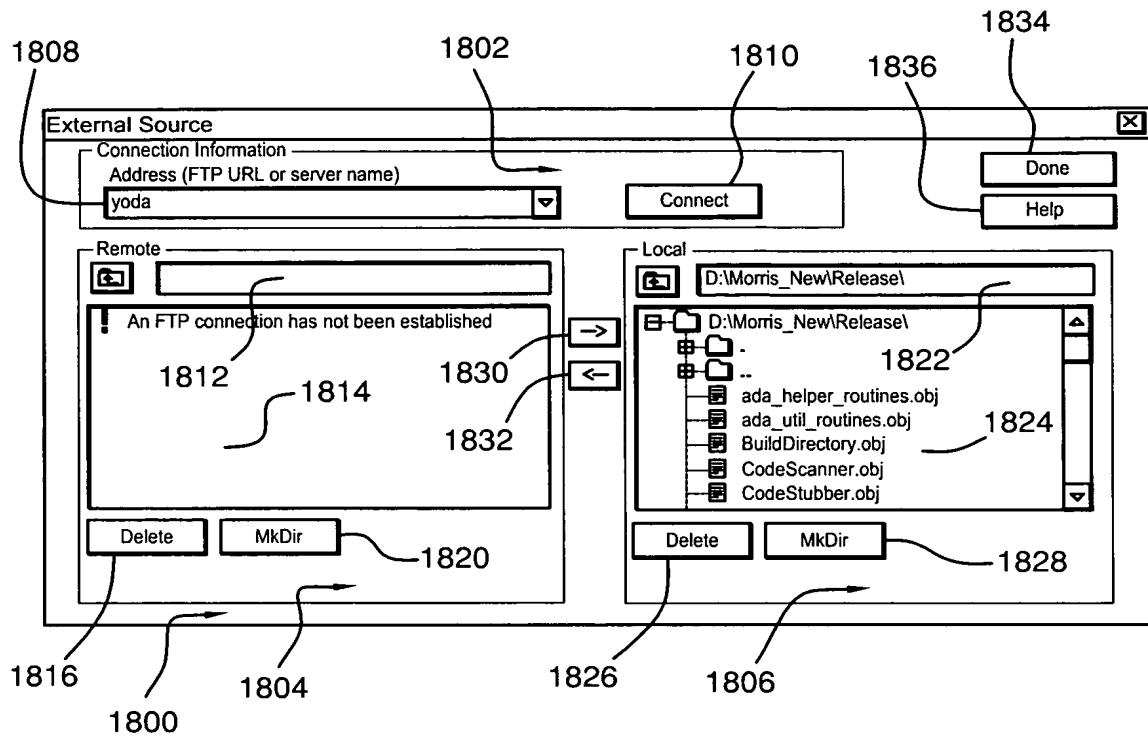


FIG. 18

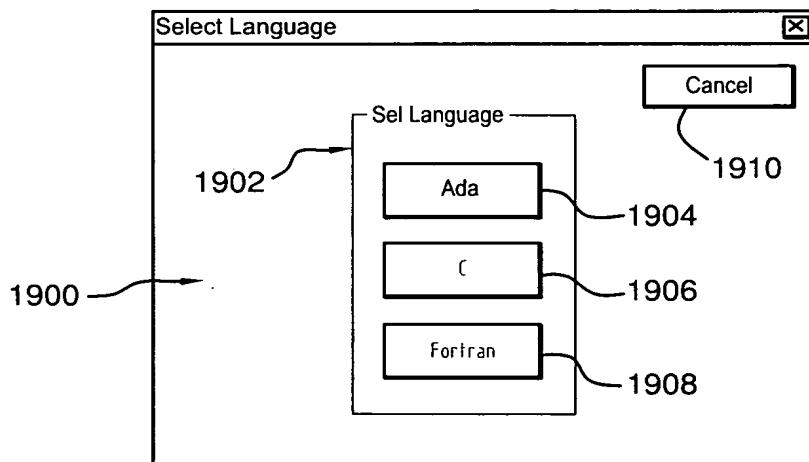


FIG. 19

REPLACEMENT SHEET

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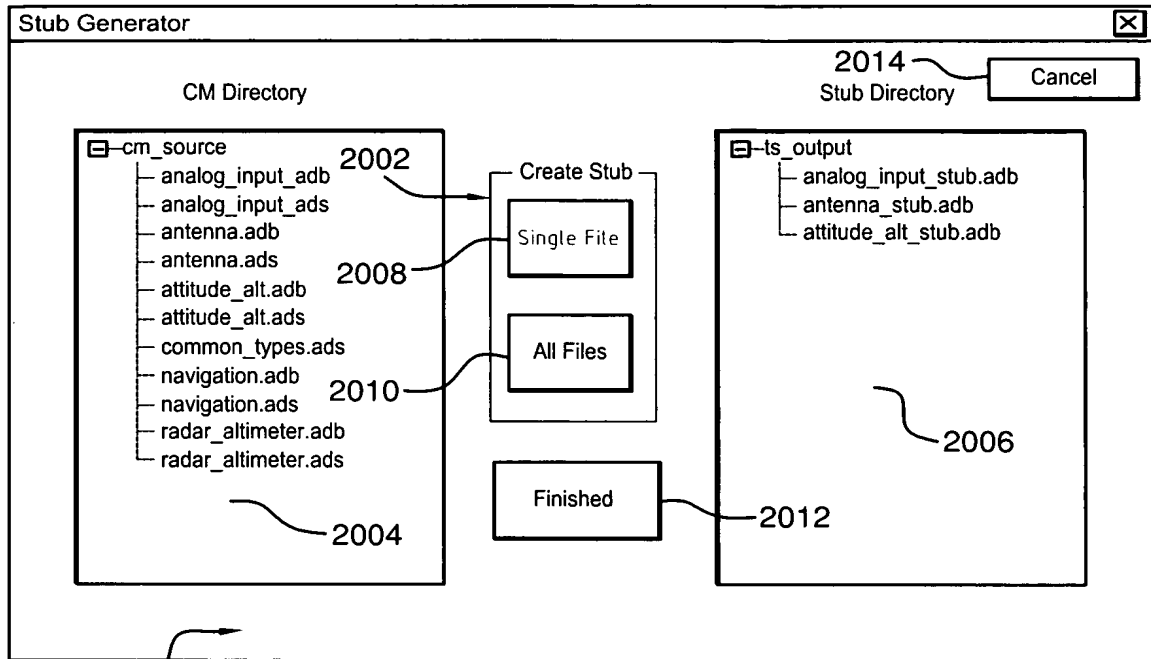


FIG. 20

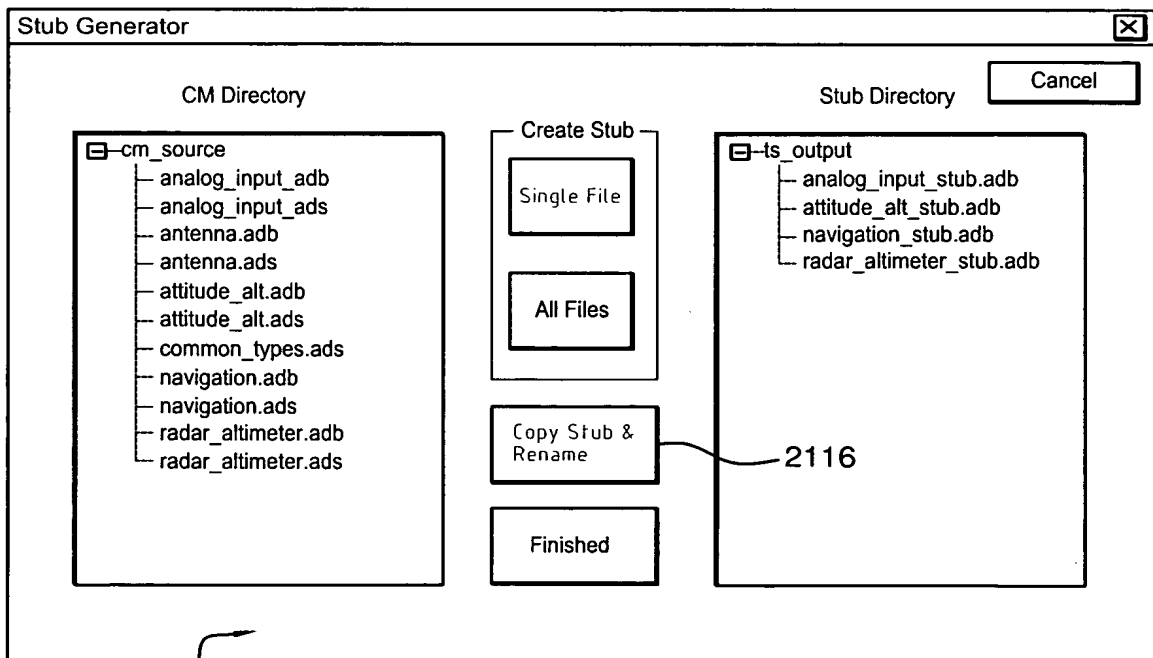


FIG. 21

REPLACEMENT SHEET

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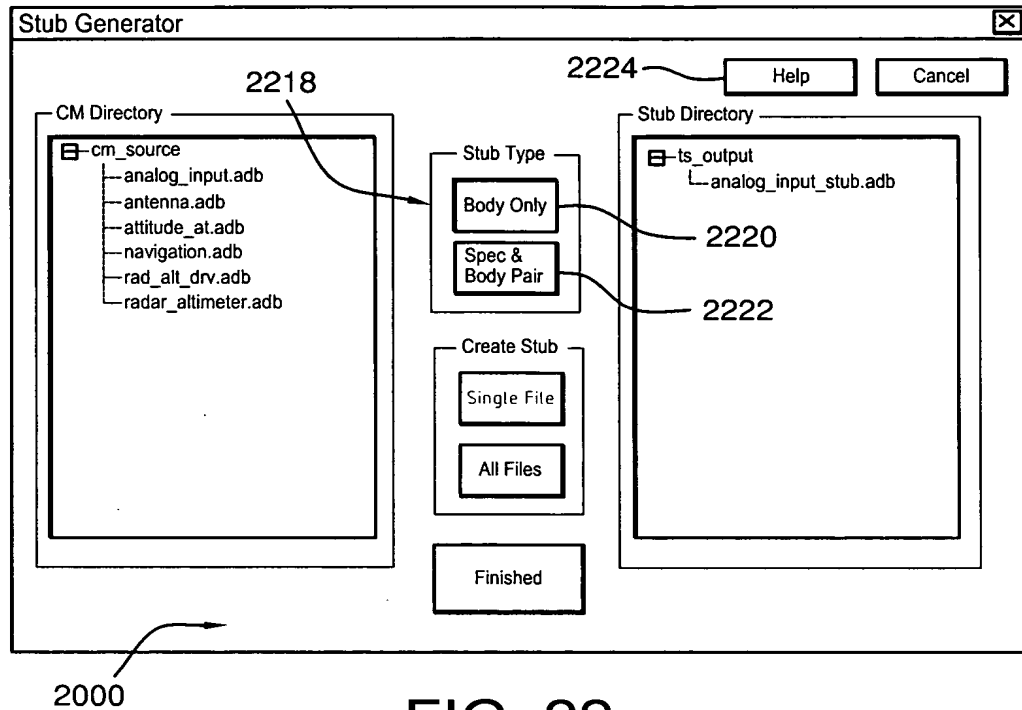


FIG. 22

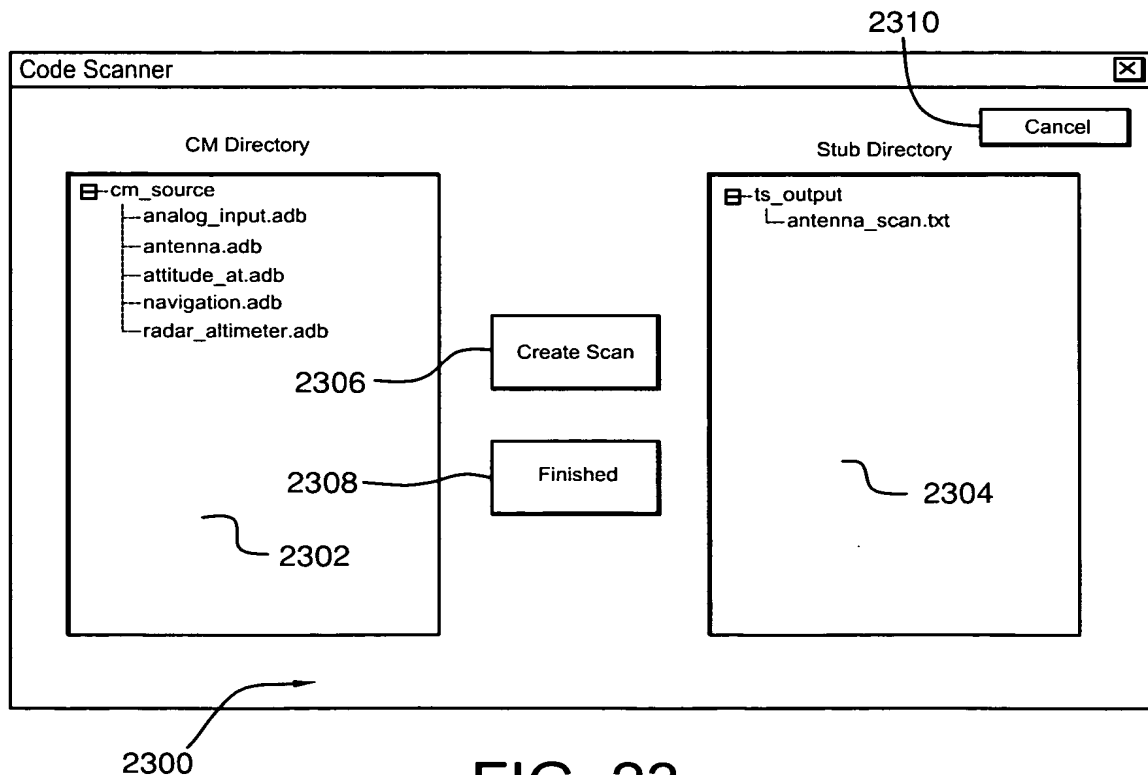


FIG. 23

REPLACEMENT SHEET

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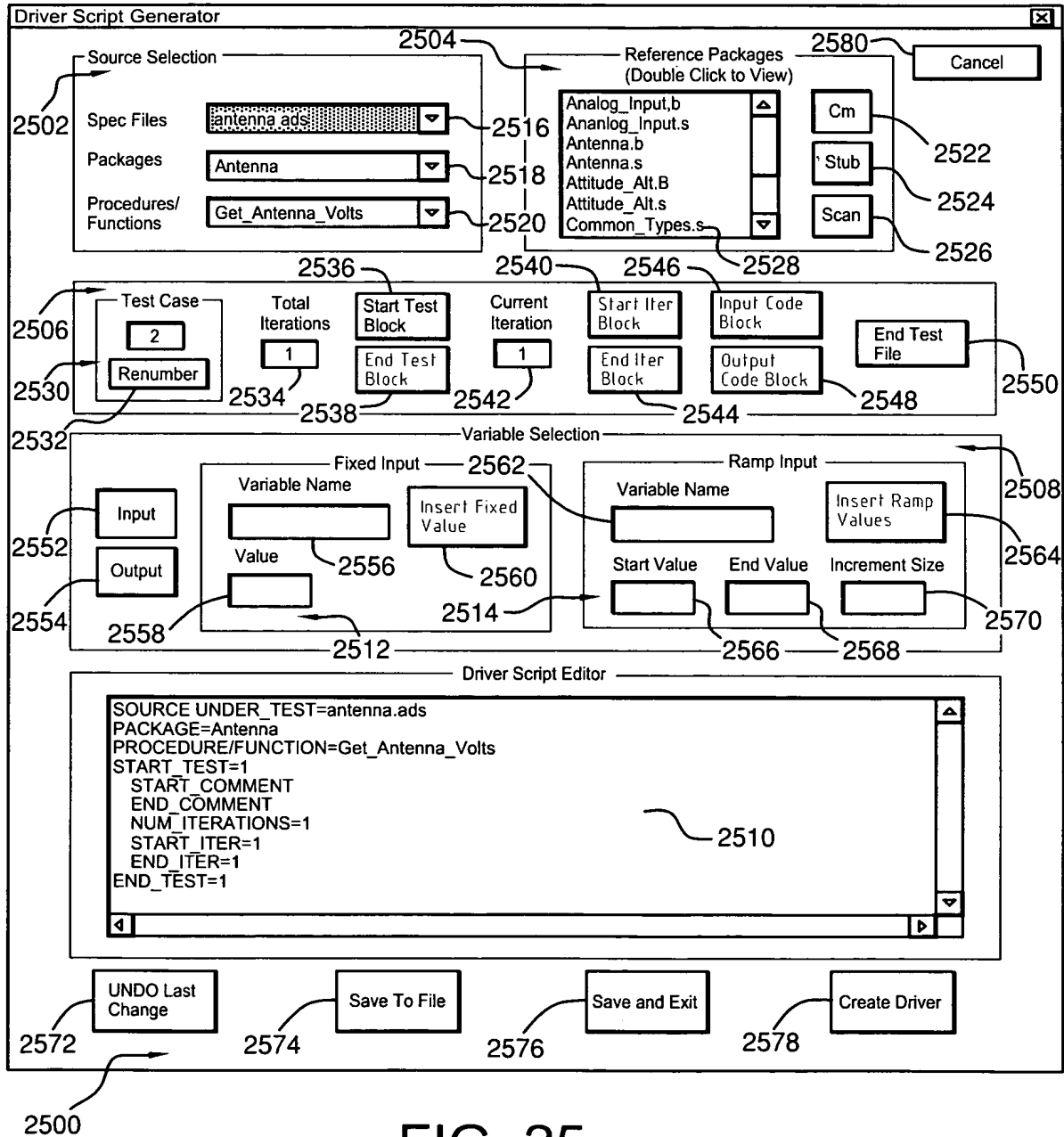


FIG. 25

REPLACEMENT SHEET

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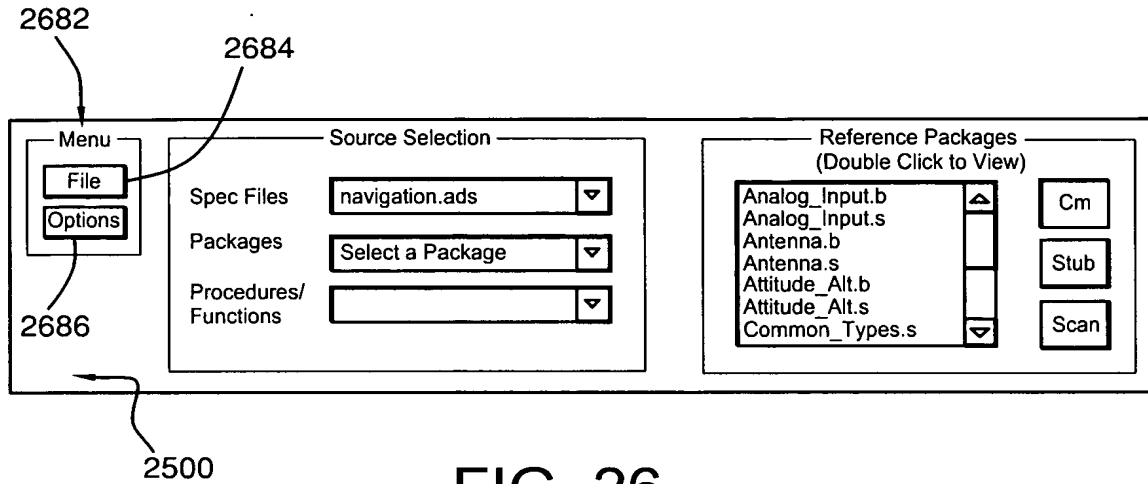


FIG. 26

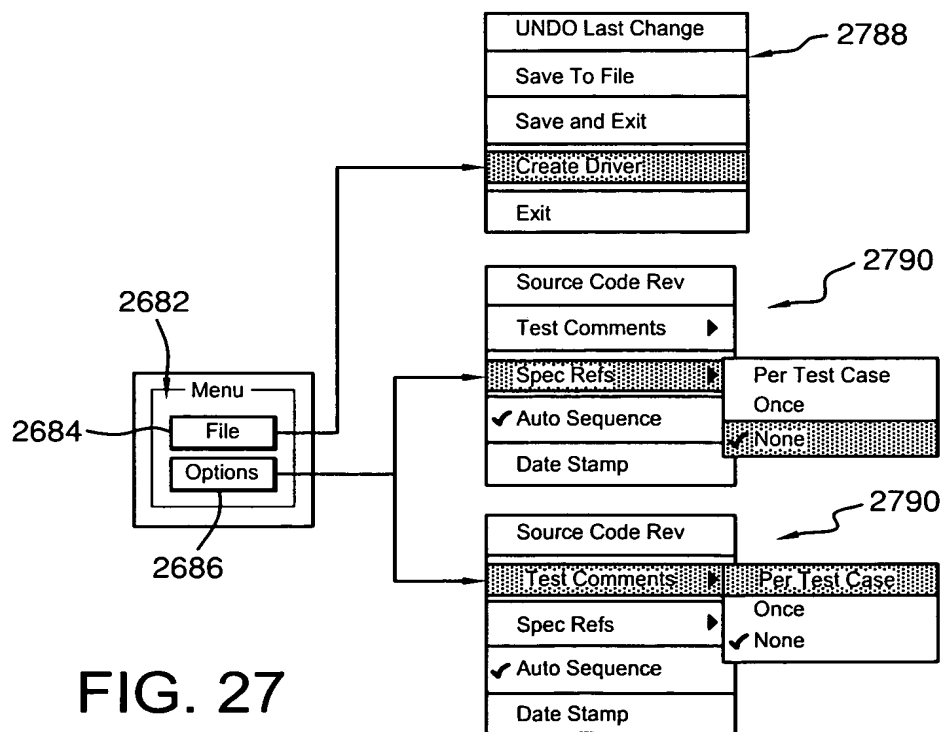


FIG. 27

REPLACEMENT SHEET

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2882 2894

2884 2886

Driver Script Generator
File Options Help

Source Selection

Spec Files:
 Packages:
 Procedures/Functions:

Reference Packages (Double Click to View)

Analog_Input.b
 Analog_Input.s
 Antenna.b
 Antenna.s
 Altitude_Alt.b

Test Case
 Total Iterations:
 Start Test Block
 End Test Block
 Current Iteration:
 Start Iter Block
 End Iter Block
 Input Code Block
 Output Code Block
 End Test File

Variable Selection

Fixed Input
 Variable Name:
 Value:
 Insert Fixed Value

Ramp Input
 Variable Name:
 Start Value:
 End Value:
 Increment Size:
 Insert Ramp Value

Driver Script Editor

```

START_COMMENT
This test verifies the Get_Antenna_Volts functions
END_COMMENT
START_REQUIREMENT
System Req. number 2.1.3 Refer to system design spec.
END_REQUIREMENT
NUM_ITERATIONS=1
    
```

FIG. 28

2500 2882

2884 2886

Driver Script Generator
File Options Help

Source Code Rev
 Test Comments
 Spec Refs
 ✓ Auto Sequence
 Date Stamp

Per Test Case
 Once
 ✓ None

Source Code Rev
 Test Comments
 Spec Refs
 ✓ Auto Sequence
 Date Stamp

Per Test Case
 Once
 ✓ None

2788

UNDO Last Change
 Save To File
 Save and Exit
 Create Driver
 Exit

FIG. 29

REPLACEMENT SHEET

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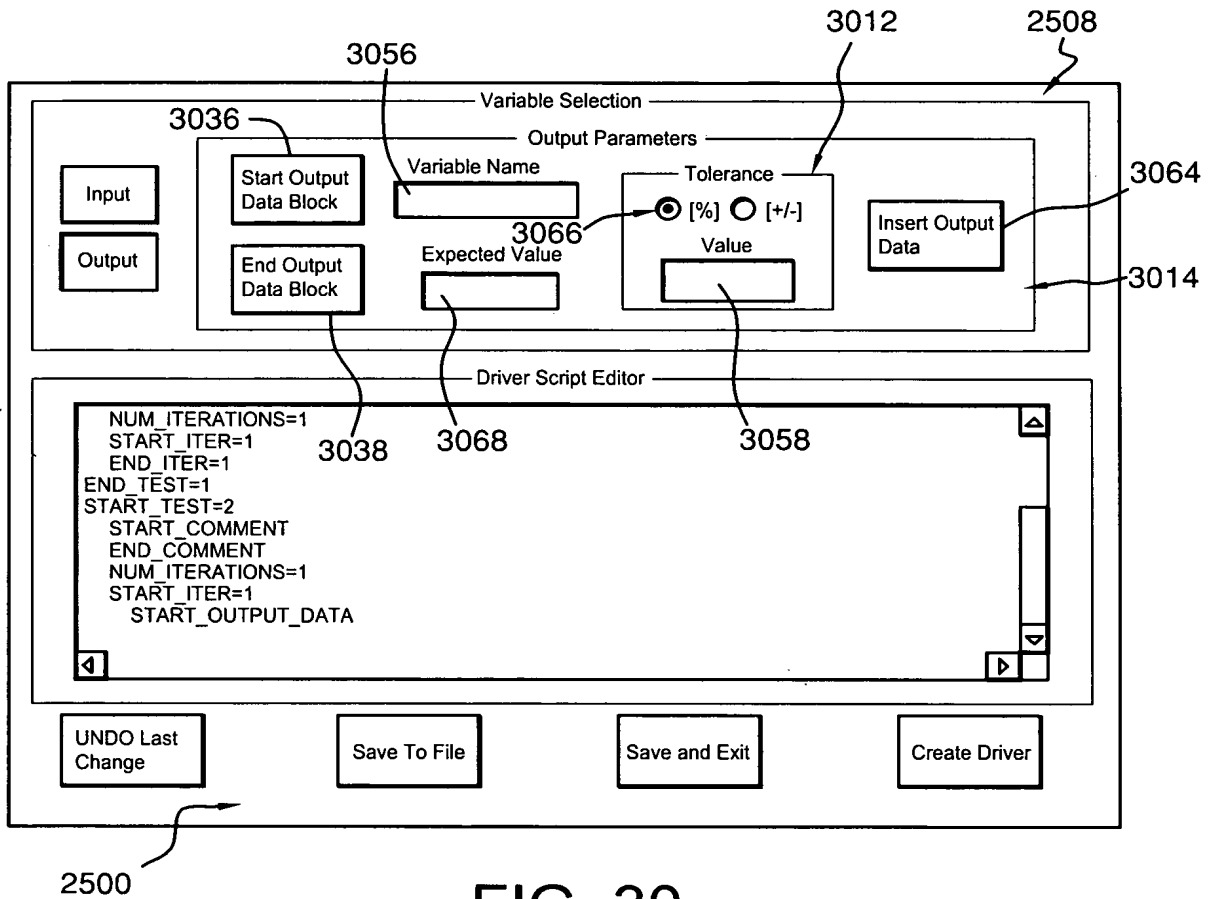


FIG. 30

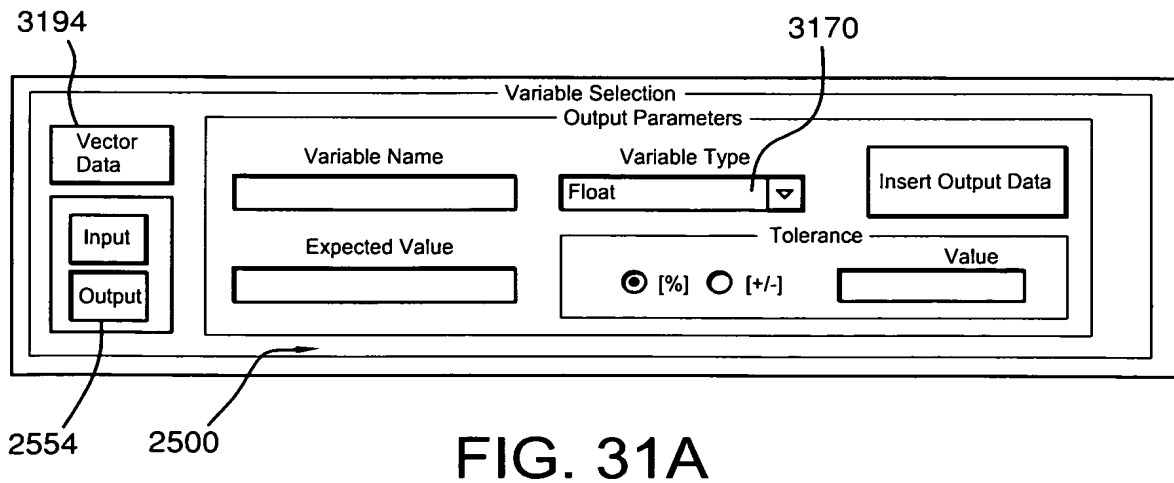


FIG. 31A

REPLACEMENT SHEET

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Diagram of a replacement sheet interface. It features a central area with a 'Variable Name' input field (3156), a 'Variable Type' dropdown menu (3170) set to 'None', and an 'Expected Value' input field (3168). To the right is an 'Insert Vector Data' button (3164). On the left, there are three stacked buttons: 'Vector Data' (3194), 'Input', and 'Output'. Below these are three more buttons: '2554', '2500', and '2508'. A large bracket on the right side is labeled '3114'.

FIG. 31B

Screenshot of the 'Driver Script Generator' software interface. The window title is 'Driver Script Generator'. It has a menu bar with 'File', 'Options', and 'Help'. The interface is divided into several sections:

- Source Selection:** Includes dropdowns for 'Spec Files' (antenna ads), 'Packages' (Antenna), and 'Procedures/Functions' (Get Antenna Volts).
- Reference Packages:** A list box showing 'Analog_Input.b', 'Analog_Input.s', 'Antenna.b', 'Antenna.s', and 'Attitude_Alt.b'. To the right are buttons for 'Cm', 'Stub', and 'Scan'.
- Test Case:** A section with a 'Test Case' dropdown set to '1' and a 'Renumber' button. It also includes 'Total Iterations' (1), 'Start Test Block', 'End Test Block', 'Current Iteration' (1), 'Start Iter Block', 'End Iter Block', 'Input Code Block', 'Output Code Block', and 'End Test File'.
- Variable Selection / Output Parameters:** A section with a 'Variable Name' input field, a 'Variable Type' dropdown menu (3170) set to 'None', and an 'Expected Value' input field. To the right is an 'Insert Output Data' button (3014).
- Driver Script Editor:** A text area at the bottom containing script code:

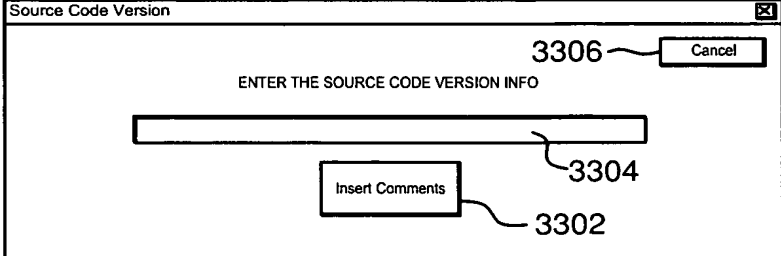

```
-- return Common_Types.Float_32_Type;
-- r_Get_Antenna_Volts : Common_Types.Float_32_Type;
END_INPUT_CODE
START_OUTPUT_CODE
-- add user code here
-- r_Get_Antenna_Volts : Common_Types.Float_32_Type;
END_OUTPUT_CODE
```

FIG. 32

2500

REPLACEMENT SHEET

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Source Code Version

ENTER THE SOURCE CODE VERSION INFO

3306 Cancel

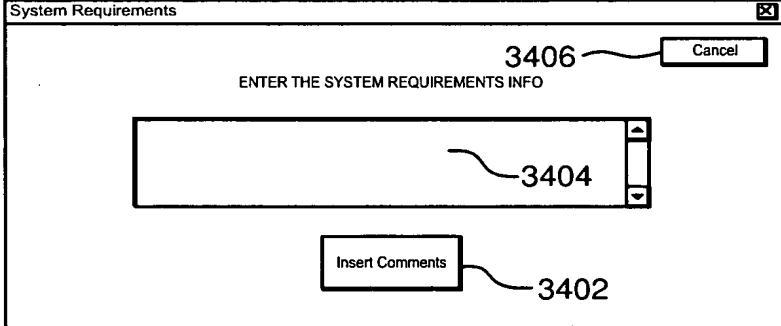
3304

3302 Insert Comments

3300

This diagram shows a dialog box titled "Source Code Version". It contains a text input field labeled 3304 and a button labeled "Insert Comments" labeled 3302. In the top right corner, there is a button labeled "Cancel" labeled 3306. The entire dialog box is labeled 3300.

FIG. 33



System Requirements

ENTER THE SYSTEM REQUIREMENTS INFO

3406 Cancel

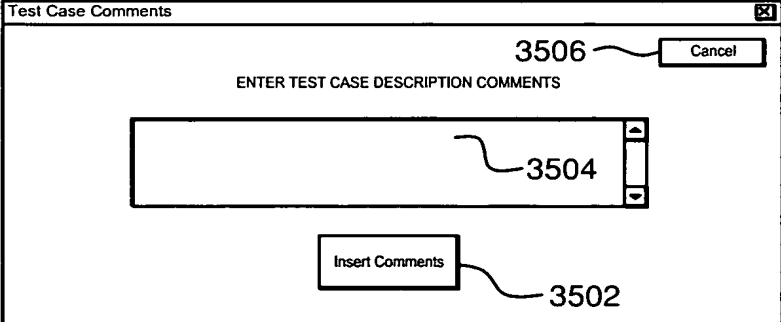
3404

3402 Insert Comments

3400

This diagram shows a dialog box titled "System Requirements". It contains a text input field labeled 3404 and a button labeled "Insert Comments" labeled 3402. In the top right corner, there is a button labeled "Cancel" labeled 3406. The entire dialog box is labeled 3400.

FIG. 34



Test Case Comments

ENTER TEST CASE DESCRIPTION COMMENTS

3506 Cancel

3504

3502 Insert Comments

3500

This diagram shows a dialog box titled "Test Case Comments". It contains a text input field labeled 3504 and a button labeled "Insert Comments" labeled 3502. In the top right corner, there is a button labeled "Cancel" labeled 3506. The entire dialog box is labeled 3500.

FIG. 35

REPLACEMENT SHEET

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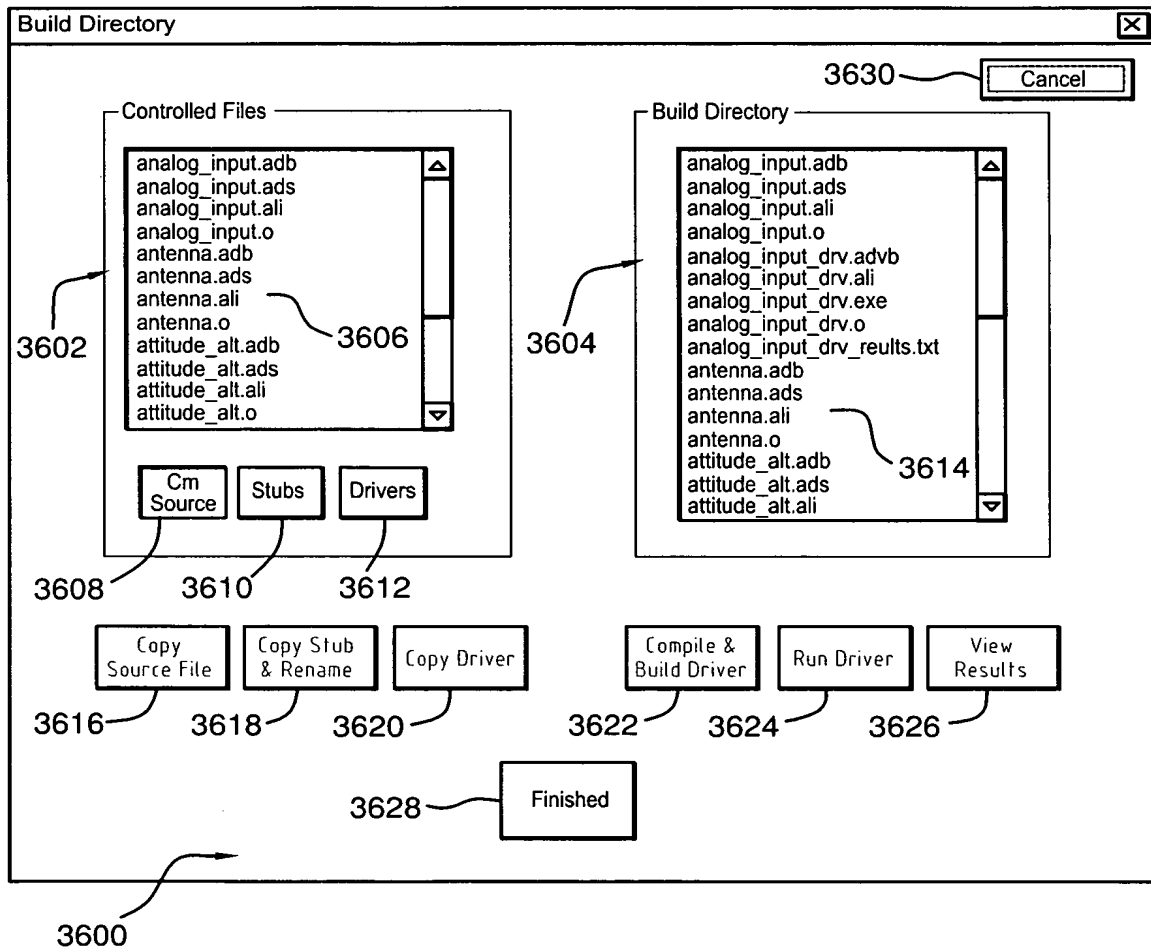


FIG. 36